

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|--------------------|------------------|---------|------------------|
| L1    | 307     | dual near2 ion adj beam   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:02 |
| L2    | 1020370 | carbon or diamond   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:02 |
| L3    | 207     | 1 and 2   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:02 |
| L4    | 179797  | sputter\$4  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:02 |
| L5    | 197     | 3 and 4   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:02 |
| L6    | 155903  | "427"/\$7.ccls. or "204"/\$7.ccls.                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:03 |
| L7    | 54      | 5 and 6   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:04 |
| L8    | 55396   | 2 near2 (film or layer or coating)                                  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:08 |
| L9    | 100     | 1 and 4 and 8   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:08 |
| L10   | 33      | 6 and 9   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:56 |
| L11   | 16      | heffner adj kenneth.in.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:14 |
| L12   | 135     | reed adj charles.in.  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:14 |
| L13   | 0       | file adj david.in.  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:14 |
| L14   | 151     | 11 or 12 or 13  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:15 |
| L15   | 0       | 1 and 14  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:15 |
| L16   | 0       | 8 and 14  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:15 |
| L17   | 1       | "5786068".pn.   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:16 |
| L18   | 0       | 1 and 17  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:16 |
| L19   | 0       | "4992298".pn. and copper  | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:57 |
| L20   | 4       | "4992298".pn. or "4844785".pn. or<br>"5374318".pn. or "5635245".pn. | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 18:58 |
| L21   | 2       | copper and 20   | US-PGPUB;<br>USPAT | OR               | ON      | 2007/09/22 19:12 |

## EAST Search History

|     |   |                             |                    |    |    |                  |
|-----|---|-----------------------------|--------------------|----|----|------------------|
| L22 | 1 | "4992298".pn. and substrate | US-PGPUB;<br>USPAT | OR | ON | 2007/09/22 18:58 |
| L23 | 2 | 1 and 21                    | US-PGPUB;<br>USPAT | OR | ON | 2007/09/22 19:12 |